

NONPROVISIONAL PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

OLIFF & BERRIDGE, PLC
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Attorney Docket No.: 100745

Date: June 3, 1998

BOX PATENT APPLICATION

**NONPROVISIONAL APPLICATION TRANSMITTAL
RULE §1.53(b)**

Assistant Commissioner for Patents
Washington, D.C. 20231

RECEIVED

JUN 03 1998

Sir:

Transmitted herewith for filing under 37 C.F.R. §1.53(b) is the nonprovisional patent application:

For (Title): A FIBRE REINFORCED METAL ROTOR

By (Inventors): Edwin Stephen TWIGG (Derby, ENGLAND)

- ☒ Formal drawings (Figs. 1-6; 4 sheets) are attached.
- ☒ A Declaration and Power of Attorney is filed herewith.
- ☒ An assignment of the invention to ROLLS-ROYCE plc is filed herewith.
- ☒ An Information Disclosure Statement is filed herewith.
- ☐ A statement to establish small entity status under 37 C.F.R. §§1.9 and 1.27 is filed herewith.
- ☒ A Preliminary Amendment is filed herewith.
- ☐ Please amend the specification by inserting before the first line the sentence --This nonprovisional application claims the benefit of U.S. Provisional Application No. _____, filed _____,--
- ☒ Priority of foreign application(s) No. 9711768.3 and 9711771.7 filed June 3, 1997 and June 5, 1997, respectively, in Great Britain is claimed under 35 U.S.C. §119.
- ☒ A certified copy of the above corresponding foreign applications is filed herewith.
- ☒ The filing fee is calculated below:

**CLAIMS IN THE APPLICATION AFTER ENTRY OF
ANY PRELIMINARY AMENDMENT NOTED ABOVE**

FOR:	NO. FILED	NO. EXTRA
BASIC FEE		
TOTAL CLAIMS	22 - 20	= 2*
INDEP CLAIMS	1 - 3	= --*
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS PRESENTED		

* If the difference is less than zero, enter "0".

SMALL ENTITY

RATE	FEE
	\$ 395
x 11 =	\$
x 41 =	\$
+135 =	\$
TOTAL	\$

OR
OR
OR
OR
OR
OR

**OTHER THAN A
SMALL ENTITY**

RATE	FEE
	\$ 790
x 22	\$ 44
x 82	\$----
+270	\$----
TOTAL	\$834

- ☒ Check No. 59884 in the amount of \$834.00 to cover the filing fee is attached. The Commissioner is hereby authorized to charge any other fees that may be required to complete this filing, or to credit any overpayment, to Deposit Account No. 15-0461. Two duplicate copies of this sheet are attached.

DEPOSIT ACCOUNT USE
AUTHORIZATION
Please grant any extension
necessary for entry;
Charge any fee due to our
Deposit Account No. 15-0461

Respectfully submitted,

James A. Oliff
James A. Oliff
Registration No. 27,075

Joel S. Armstrong
Registration No. 36,430

DECLARATION AND POWER OF ATTORNEY FOR APPLICATION FOR UNITED STATES PATENT

As a below named inventor, I hereby declare that:

my residence, post office address and citizenship are as stated below under my name;

I verily believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

A FIBRE REINFORCED METAL ROTOR

described and claimed in the specification:

Check one

*a. ☒ attached hereto.

b. ☐ filed on _____ as Application Serial No. _____.

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations §1.56. Under Title 35, U.S. Code §119, the priority benefits of the following foreign application(s) filed within one year prior to this application are hereby claimed:

9711768.3 UK Application filed 3 June 1997

9711771.7 UK Application filed 5 June 1997

The following application(s) for patent or inventor's certificate on this invention were filed in countries foreign to the United States of America either (a) more than one year prior to this application, or (b) before the filing date of the above-named foreign priority application(s):

I hereby appoint the following as my attorneys of record with full power of substitution and revocation to prosecute this application and to transact all business in the Patent Office:

James A. Oliff, Reg. No. 27,075; William P. Berridge, Reg. No. 30,024;
Kirk M. Hudson, Reg. No. 27,562; Thomas J. Pardini, Reg. No. 30,411; and
Edward P. Walker, Reg. No. 31,450.

ALL CORRESPONDENCE IN CONNECTION WITH THIS APPLICATION SHOULD BE SENT TO OLIFF & BERRIDGE, P.O. BOX 19928, ALEXANDRIA, VIRGINIA 22320, TELEPHONE (703) 836-6400.

I hereby declare that I have reviewed and understand the contents of this Declaration, and that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

1	Typewritten Full Name of Sole or First Inventor	Edwin	S	Twigg
2	Inventor's Signature	Given Name <i>Edwin</i>	Middle Initial <i>S</i>	Family Name <i>Twigg</i>
3	Date of Signature	21-5-98		
	Residence	Derby	Derbyshire	England
		City	State or Province	Country
	Citizenship	British		
	Post Office Address (Insert complete mailing address, including country)	1 Telford Close, Mickleover, Derby, DE3 5NU, England		

*If Box a. is checked, this form may be executed only when attached to the specification (including claims) at the end thereof.

Note to Inventor: Please sign name on line 2 exactly as it appears in line 1 and insert the actual date of signing on line 3.

IF THERE IS MORE THAN ONE INVENTOR USE PAGE 2 AND PLACE AN "X" HERE ☐

100745

4113641 Cpl. POC

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

RECEIPT FOR APPLICATION PAPERS DEPOSITED WITH LICENSING AND REVIEW BRANCH

Title:

A FIBRE REINFORCED METAL ROTOR

NAME OF INVENTOR(S)

RESIDENCE(S)

CITIZENSHIP

**EDWIN STEPHEN
TWIGG**

NUMBER OF CLAIMS

22

SHEETS OF DRAWINGS

4

FOREIGN FILING DATE

COUNTRY

NAME AND ADDRESS OF ATTORNEY

Filing Date: 03-Jun-98

REMARKS:

1.101/\$790.00

2.103/\$44.00

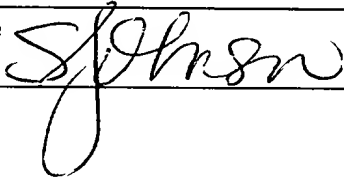
3.581/\$40.00 (CHECK NO. COP-59885)

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DECLARATION

APPLICATION PAPERS RECEIVED IN LICENSING AND REVIEW BRANCH

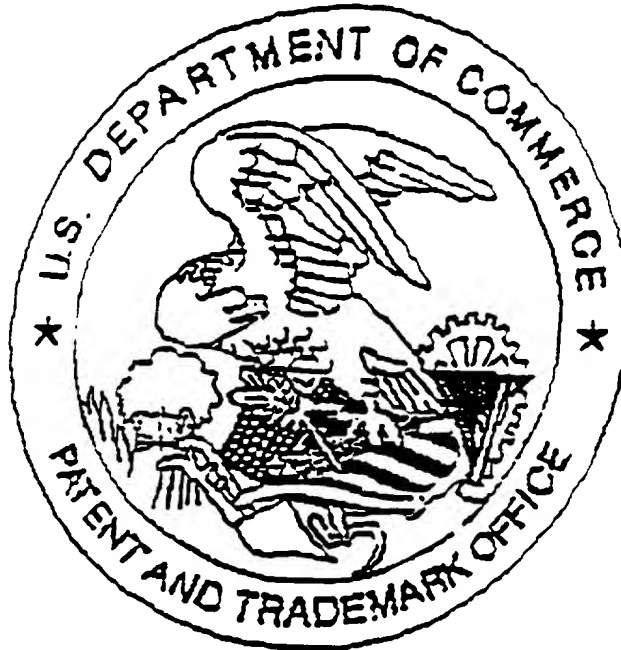
Signature



Date:

6/4/98

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